

Acoustics, Ultrasound and Vibration, Ukraine, DNDI "Systema" (Scientific-Research Institute for Metrology of Measurement and Control Systems)



Calibration or Measurement Service			Measurand Level or Range			Measurement Conditions/Independent Variable		Expanded Uncertainty					Comments
Quantity	Instrument or Artifact	Instrument Type or Method	Minimum value	Maximum value	Units	Parameter	Specifications	Value	Units	Coverage factor	Level of Confidence	Is the expanded uncertainty a relative one?	
Pressure sensitivity level	Measurement microphone type LS1	IEC 61094-2: 1992			dB (reference 1 V/Pa)	Frequency	63 Hz to 400 Hz	0.05	dB	2	95%	No	Approved on 30 August 2005
Pressure sensitivity level	Measurement microphone type LS1	IEC 61094-2: 1992			dB (reference 1 V/Pa)	Frequency	500 Hz to 4 kHz	0.04	dB	2	95%	No	Approved on 30 August 2005
Pressure sensitivity level	Measurement microphone type LS1	IEC 61094-2: 1992			dB (reference 1 V/Pa)	Frequency	5 kHz	0.05	dB	2	95%	No	Approved on 30 August 2005
Pressure sensitivity level	Measurement microphone type LS1	IEC 61094-2: 1992			dB (reference 1 V/Pa)	Frequency	6.3 kHz	0.06	dB	2	95%	No	Approved on 30 August 2005
Pressure sensitivity level	Measurement microphone type LS1	IEC 61094-2: 1992			dB (reference 1 V/Pa)	Frequency	8 kHz	0.08	dB	2	95%	No	Approved on 30 August 2005
Pressure sensitivity level	Measurement microphone type LS1	IEC 61094-2: 1992			dB (reference 1 V/Pa)	Frequency	10 kHz	0.12	dB	2	95%	No	Approved on 30 August 2005